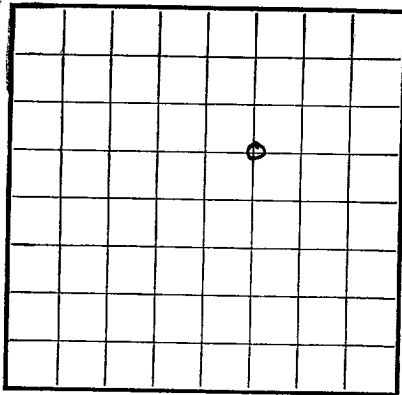


U. S. LAND OFFICE Towaco, Colo.
SERIAL NUMBER 14-20-604-119
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAR 17 1958
U. S. GEOLOGICAL SURVEY
SARASOTA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Pubco Petroleum Corp. Address 106 West Chuska, Aztec, N. M.
Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
Well No. 18-7 Sec. 18 T 31N R. 14W Meridian NMPM County San Juan
Location 1700 ft. N. of N. Line and 1950 ft. E. of E. Line of Section 18 Elevation 5880
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed H. N. Taylor
Date March 14, 1958 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling February 14, 1958 Finished drilling February 24, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2432 to 2532 No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24	8	CFI	98					Surface
5 1/2	17	8	CFI	2432	Baker				Production
2	11.7	8	CFI	2432					tubing

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	107	80 sx reg 20 sx colseal	Circulation		
5 1/2	2432	See detail below			
2	2445	None			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Oil frac (open hole) 2432-2532 w/ 23,520 gallons of oil						
No breakdown, Injection rate 33 bpm, Treating Pressure 300#						

TOOLS USED

Rotary tools were used from Surface feet to 2532 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 14, 1958 Put to producing March 14, 1958The production for the first 24 hours was below barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 41.50

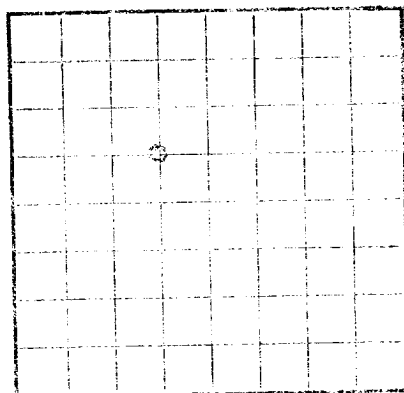
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure lbs. per sq. in. _____

FOLD MARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed _____
 Title _____
 Location _____ of _____ line and _____ to _____
 Well No. _____ and _____ R. _____ Meridian
 Section or Tract _____
 Address _____
 State _____
 County _____
 Elevation _____
 (Transfer from relative to absolute)

“The summary on this page is for the condition of the well at the time of the visit.”

OUT OF CAR BANDS OF ZONES

(b) (5) DPP

IMPORTANT WATER SANDS

CRASH RECORD

Well No.	Well Name	Threatened Area	Name	Amount	Kind of Work	Date and Kind of Work	From	Purpose
1	1	1	1	1	1	1	1	1

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was disconnected, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If dugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

10 MUDGING AND CEMENTING RECORD

[illegible]

FLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Site	Well used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
101	1	1	1	1-23	20-25	20-25
102	1	1	1	1-23	20-25	20-25

TOOTS OSEB

foot	to foot	foot and from	to foot	foot and from
foot	to foot	foot and from	to foot	foot and from

ESTAD

It was well on its way at 34 hours.	Gravelly, 25% water; and 75% sediment.	The production for the first 24 hours was 127 barrels of fluid of which 25% was oil; 75% gas.	Time to producing 191.11
Gasoline per 1,000 cu. ft. of gas	Gravity, 28.4		